

|                                                  |                                                            |                                      |                                     |
|--------------------------------------------------|------------------------------------------------------------|--------------------------------------|-------------------------------------|
| FORM PTO-1449                                    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>SYM-5 Cont.      | APPLICATION<br>NO. Not Yet<br>Known |
| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT |                                                            | APPLICANTS<br>Robert E. Beach et al. | CONFIRMATION<br>NO.                 |
|                                                  |                                                            | FILING DATE<br>Herewith              | GROUP                               |

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE     | NAME                | CLASS | SUBCLASS | FILING DATE<br>IF<br>APPROPRIATE |
|---------------------|--------------------|----------|---------------------|-------|----------|----------------------------------|
| <i>M</i>            | 4,168,400          | 9/18/79  | de Couasnon et al.  | 179   | 15       |                                  |
|                     | 4,500,987          | 2/19/85  | Hasegawa            | 370   | 60       |                                  |
|                     | 4,503,533          | 3/5/85   | Tobagi et al.       | 370   | 85       |                                  |
|                     | 4,630,264          | 12/16/86 | Wah et al.          | 370   | 85       |                                  |
|                     | 5,029,183          | 7/2/91   | Tymes               | 375   | 1        |                                  |
|                     | 5,103,461          | 4/7/92   | Tymes               | 375   | 1        |                                  |
|                     | 5,142,550          | 8/25/92  | Tymes               | 375   | 1        |                                  |
|                     | 5,157,687          | 10/20/92 | Tymes               | 375   | 1        |                                  |
|                     | 5,231,633          | 7/27/93  | Hluchyj et al.      | 370   | 94.1     |                                  |
|                     | 5,280,498          | 1/18/94  | Tymes et al.        | 375   | 1        |                                  |
|                     | 5,329,531          | 7/12/94  | Diepstraten et al.  | 370   | 94.2     |                                  |
|                     | 5,418,812          | 5/23/95  | Reyes et al.        | 375   | 1        |                                  |
|                     | 5,479,441          | 12/26/95 | Tymes et al.        | 375   | 200      |                                  |
|                     | 5,517,495          | 5/14/96  | Lund                | 370   | 60       |                                  |
|                     | 5,528,621          | 6/18/96  | Heiman et al.       | 375   | 200      |                                  |
|                     | 5,668,803          | 9/16/97  | Tymes et al.        | 370   | 312      |                                  |
|                     | 5,812,589          | 9/22/98  | Sealand et al.      | 375   | 200      |                                  |
|                     | 5,815,811          | 9/29/98  | Pinard et al.       | 455   | 434      |                                  |
|                     | 5,844,900          | 12/1/98  | Hong et al.         | 370   | 342      |                                  |
|                     | 5,875,179          | 2/23/99  | Tikalsky            | 370   | 315      |                                  |
|                     | 5,933,607          | 8/3/99   | Tate et al.         | 395   | 200.7    |                                  |
|                     | 5,982,779          | 11/9/99  | Krishnakumar et al. | 370   | 447      |                                  |
|                     | 6,011,784          | 1/4/00   | Brown et al.        | 370   | 329      |                                  |
|                     | 6,078,568          | 6/20/00  | Wright et al.       | 370   | 312      |                                  |
|                     | 6,088,591          | 7/11/00  | Trompower et al.    | 455   | 438      |                                  |
|                     | 6,240,083 B1       | 5/29/01  | Wright et al.       | 370   | 348      |                                  |
|                     | 6,256,334 B1       | 7/3/01   | Adachi              | 375   | 132      |                                  |
| <i>M</i>            | 6,285,662 B1       | 9/4/01   | Watanabe et al.     | 370   | 280      |                                  |

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*R. P. Brown*

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# FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE   | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|---------------------|--------------------|--------|---------|-------|----------|-------------|----|
|                     |                    |        |         |       |          | YES         | NO |
| P                   | WO 99/11003        | 3/4/99 | PCT     | H04J  | 3/14     |             |    |
|                     |                    |        |         |       |          |             |    |
|                     |                    |        |         |       |          |             |    |
|                     |                    |        |         |       |          |             |    |

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| EXAMINER<br>INITIAL |                                                                                                                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     |                                                                                                                 |
| P                   | Geier, Jim, "Wireless Lans Implementing Interoperable Networks," Chapter 3 (pages 89-125) Chapter 4 (pages 129-157) Chapter 5 (pages 159-189) and Chapter 6 (pages 193-234), 1999, United States. |
|                     | Petrack, A., "Enhancements to the IEEE 802.11 MAC Layer," IEEE 802.11 (Submission), Slides 1-8 (July, 1999).                                                                                      |
|                     | Gubbi, R., Dr., "Tutorial: Efficient Scheduling Overlay for 802.11b MAC," IEEE P802.11 (Presentation), Slides 1-5 (November, 1999).                                                               |
| P                   | Godfrey, T., "Meetings at the 802.11 November 1999 Plenary," IEEE 802.11 (Submission), pages 2-13 (November, 1999).                                                                               |

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